Project Design Phase-I
Proposed Solution Template
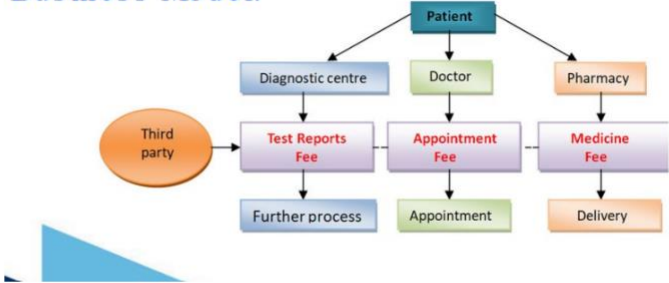
Date	30 September 2023
Team ID	Team-591784
Project Name	Disease Prediction Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The lack of access to immediate medical assistance due to geographical remoteness, limited healthcare facilities, urgency, or negligence for health leads to significant challenges for individuals in obtaining timely medical help. As a result, medical issues often go unaddressed, leading to the gradual escalation of health problems and even emergencies. On the other way, during pandemics or natural calamities like floods, where the need for medical health assistance becomes even more critical. The absence of immediate medical support in such situations can have severe consequences, putting lives of patients as well as doctors or health care officials at risk

2.	Idea / Solution description	Provide timely and efficient medical help at any circumstances to ensure the well-being and safety of the patients & keeping patient data secure. • 24/7 healthcare assistance from anywhere at fingertips. • Prediction of disease with input of only symptoms. • Description of the predicted disease. • Patient – Doctor communication via chat or video call. • If required any confirmatory diagnostic tests, get it done at the comfort of home and upload. • Get the prescribed medicines delivered. • Automated Follow up.
3.	Novelty / Uniqueness	Non registered users register themselves with their details. (if registered put username & password get access to dashboard) • Get access to dashboard, enter the symptoms and get predicted disease . • Get detailed description of the disease and other symptoms, based on the type of the disease get suggestion of a doctor. • Check out doctor details and consult (chat/video call) with the available doctor or book an appointment, by paying a minimal fees . • If doctor prescribes diagnostic tests, check for a laboratory, pay the fees and get the samples collected from the comfort of home. • Upload reports and get prescription for medicines. • Check for a pharmacy, upload the prescription, pay the final amount of the medicines and get it delivered to the user. • Automated Follow up.

4.	Social Impact / Customer Satisfaction	The prim ary outcom e of the project is to establish a system that ensures tim ely m edical assistance. • The project can revolutionize healthcare facilities in challenging circum stances. • The project can also im pact em ergency response system s. • It can help healthcare professionals to respond effectively to disasters and pandem ics. • It can ensure tim ely m edical help during em ergencies, rem oteness, or disasters. • This can save lives and m inim ize health risks.
5.	Business Model (Revenue Model)	